

# Index for *The Computing Teacher*

## Volume 19 #1-8 • 1991-92

The index to *The Computing Teacher* for Volume 19 will be useful as a professional resource and provides an overview of the kind of information found in *TCT*. Entries are indexed by subject. For an index by author, write to ISTE, Dept. Index 19, 1787 Agate Street, Eugene, OR 97403.

### SAMPLE REFERENCE

Subject ↓	Title ↓	Author/Reviewer ↓	Type of Entry ↓	Volume, Issue, Page # ↓ ↓ ↓
<b>SOCIAL STUDIES</b>	<i>Exploring Information,</i>	Sumitra Unia,	cc,	19 01 33.

### ABBREVIATION KEY

art article	cc Computers in the Curriculum	
col column	edit editorial	srev Software Review

### COLUMNS/CURRICULUM SECTIONS

Computers in the Curriculum: Language Arts .....	Lynne Anderson-Inman
Computers in the Curriculum: Mathematics .....	Kathleen Heid, Jerry Johnson, Margaret Neiss
Computers in the Curriculum: Science .....	Richard Adams, Larry Flick, Heidi Imhof
Computers in the Curriculum: Social Studies .....	Charles White
The Computing Librarian .....	Carol Truett
The Logo Center .....	Judi Harris, Sharon Yoder
Multimedia Sandbox .....	Fred D'Ignazio
Research Windows .....	Linda Polin
Software Reviews .....	Judi Mathis, Sara Armstrong

### EDITORS

### SUBJECT DESCRIPTORS

Administration/Technology	Hardware/Facilities	Restructuring
Coordination	Health	Science
Application Software	Hypermedia/Multimedia	Social Studies
Art	Lab Management	Software
At-Risk Students	Language Arts	Software Reviews (column)
Computer Science/Literacy	Learning Theory	Special Needs
Cooperative Learning	Logo	Speech Recognition
Computing Librarian (column)	Mathematics	Teacher Education
Databases	Problem Solving/Critical	Telecommunications
Editor's Message (column)	Thinking	Virtual Reality
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## Subject Listing

### ADMINISTRATION/TECHNOLOGY COORDINATION

- Microsoft Works*, Judi Mathis, rev, 190444.  
*Microsoft Word*, Judi Mathis, rev, 190444.  
*WordPerfect*, Judi Mathis, rev, 190445.  
*MacWrite II*, Judi Mathis, rev, 190445.  
*Grammatik IV & Grammatik Mac*, Judi Mathis, rev, 190446.  
*RightWriter*, Judi Mathis, rev, 190446.  
*American English Writing Guide*, Judi Mathis, rev, 190446.  
*PageMaker*, Judi Mathis, rev, 190446.  
*Instant Library of Quotes*, Judi Mathis, rev, 190449.  
*Top Priority*, Judi Mathis, rev, 190449.  
*Educator HomeCard*, Judi Mathis, rev, 190449.  
*After Dark/More After Dark*, Judi Mathis, rev, 190450.  
*A Day in the Life of A Computer Specialist*, Arlene R. Remz, art, 190629.  
*Ten Criteria for Effective Technology Plans*, John See, art, 190834.

### APPLICATION SOFTWARE

- Make Word Problems Relevant to Your Students*, John F. Beaver, col, 190350.  
*Using Computer Power to Improve Your Teaching*, John Beaver, art, 190505.  
*Student Edition of Aldus PageMaker 4.0*, Ian Byington, rev, 190550.  
*Using Computer Power to Improve Your Teaching Part II*, John Beaver, art, 190622.

### ART

- Kid Link: Elementary Classroom Telecommunications*, Kendall Stall and Virginia Lawson, art, 190230.  
*Kid Pix*, Marilyn Nicholson, rev, 190245.  
*Providing Access for Students Who Are Visually Impaired*, Leon Hsu and Gary D. Lee, art, 190408.

- Using Interactive Video to Examine Cultural Issues in Art*, Penelope Semrau and Barbara A. Boyer, art, 190424.  
*ART: Technologies in the Curriculum*, Daniel T. Lake, art, 190644.

### AT-RISK STUDENTS

- At-Risk Students Online*, Eric Jensen, art, 190410.

### COMPUTER SCIENCE/LITERACY

- The Disk Care Show*, John B. Brungardt, art, 190114.  
*Mental Models in Action*, Loretta A. Cardinale, art, 190116.  
*Hypertext With Macros: A Gateway to Individualized Learning*, Deborah Kravette Hamrell, art, 190122.  
*Macro Mischief II*, Deborah Kravette Hamrell, art, 190222.  
*Building Houses and Learning HyperCard: An Introductory Lesson*, Michael R. Muir, art, 190308.  
*A LAN Primer*, Sunil I. Hazari, art, 190314.  
*Programming or Applications: How Best to Empower Students?*, Sharon Yoder and Dave Moursund, art, 190318.  
*Hypermacros III*, Deborah Kravette Hamrell, art, 190323.  
*Start Them off With Games!*, Regina C. McGinley, art, 190349.  
*Peer Portrait Interviews: A Technology-Supported "Icebreaker,"* Rose Reissman, art, 190412.  
*Self-Taught and Motivated: 1991 ICPSC Results*, Donald T. Piele, art, 190418.  
*The vas Savant Challenge*, Patricia Wagner, art, 190512.  
*Restructuring Education for the Information Age, Part 6: A New Definition of Computer Literacy*, Dave Moursund, edit, 190604.  
*Unraveling Recursion, Part I*, Mary E. Troy and Grady Early, art, 190625.  
*Unraveling Recursion, Part II*, Mary E. Troy and Grady Early, art, 190721.

### COOPERATIVE LEARNING

- Involving Students in Computer-Based Cooperative Lessons*, Nancy Hunt and Lynn Alford, cc, 190434.  
*Designing HyperCard Stacks for Cooperative Learning*, Michael C. Holden, Caroline M. Holcomb, and John F. Wedman, art, 190520.

### COMPUTING LIBRARIAN (COLUMN)

- Reaching Out With Technology, Enthusiasm... and Expertise*, Ann E. Bryan, col, 190139.  
*Using Online Services in the Junior High School*, John D'Amicantonio, cc, 190253.

### DATABASES

- Exploring Information*, Sumitra Unia, cc, 190133.  
*Preparing Students With Learning Disabilities for Information Age Success*, Peggy Healy Stearns, col, 190728.

### EDITOR'S MESSAGE (COLUMN)

- Restructuring Education for the Information Age*, Dave Moursund, edit, 190104.  
*Restructuring Education for the Information Age, Part 2: Now and 10 Years Ago*, Dave Moursund, edit, 190204.  
*Restructuring Education for the Information Age, Part 3: What is the Information Age?*, Dave Moursund, edit, 190304.  
*Restructuring Education for the Information Age, Part 4: Mimetic and Transformative Approaches*, Dave Moursund, edit, 190404.  
*Restructuring Education for the Information Age, Part 5: America 2000: An Education Strategy*, Dave Moursund, edit, 190504.  
*Restructuring Education for the Information Age, Part 6: A New Definition of Computer Literacy*, Dave Moursund, edit, 190604.  
*Restructuring Education for the Information Age, Part 7: Competition*, Dave Moursund, edit, 190704.

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*Restructuring Education for the Information Age, Part 8: Measures of Success*, Dave Moursund, edit, 190805.

### EQUITY

*Using Interactive Video to Examine Cultural Issues in Art*, Penelope Semrau and Barbara A. Boyer, art, 190424.

### HARDWARE/FACILITIES

*In Search of a Dynabook*, Mark G. Gillingham, art, 190209.  
*Providing Access for Students Who Are Visually Impaired*, Leon Hsu and Gary D. Lee, art, 190408.  
*Portable Keyboards*, Scott andersen and Gerri Abrams, art, 190742.

### HEALTH

*Designing HyperCard Stacks for Cooperative Learning*, Michael C. Holden, Caroline M. Holcomb, and John F. Wedman; art, 190520.

### HYPERMEDIA/MULTIMEDIA

*Hypertext With Macros: A Gateway to Individualized Learning*, Deborah Kravette Hamrell, art, 190122.  
*The Michigan Teacher Explorer CenterExperiences of Passion and Joy*, Fred D'Ignazio, col, 190152.  
*Macro Mischief II*, Deborah Kravette Hamrell, art, 190222.  
*Building Houses and Learning HyperCard: An Introductory Lesson*, Michael R. Muir, art, 190308.  
*Hypermacros III*, Deborah Kravette Hamrell, art, 190323.  
*Restructuring With Technology: A Proposal for Student Inservices*, Fred D'Ignazio and Sharon Goth-Tew, col, 190354.  
*Using Interactive Video to Examine Cultural Issues in Art*, Penelope Semrau and Barbara A. Boyer, art, 190424.  
*Teacher Explorers, Pioneers, and Settlers*, Fred D'Ignazio and Sharon Goth-Tew, col, 190438.  
*Designing HyperCard Stacks for Cooperative Learning*; Michael C.

Holden, Caroline M. Holcomb, and John F. Wedman; art, 190520.  
*Technology vs. Restructuring: Beware of the Quick Fix*, Fred D'Ignazio, col, 190554.

*Examining the Emperor's New Clothes*, Linda Polin, col, 190605.  
*ART: Technologies in the Curriculum*, Daniel T. Lake, art, 190644.

*HyperCard: The Two-Dimensional Manipulative*, Julaine Salem, art, 190647.

*"Soft" Architectures for Restructuring*, Fred D'Ignazio, col, 190653.  
*Reading, Writing, and Digitizing!*, Patricia Trautman, col, 190740.  
*What's Magic About MacMagic?* Teri Sturla, art, 190812.

### LAB MANAGEMENT

*Hard Disk Drive Management Using HyperCard*, Jacob M. Hirschfeld, art, 190526.

### LANGUAGE ARTS

*Speaking to Read and Write: A Report on the Status of Speech Recognition*, Keith Wetzel, art, 190106.  
*Hypertext With Macros: A Gateway to Individualized Learning*, Deborah Kravette Hamrell, art, 190122.  
*Big and Little*, Paula I. McGirr, srev, 190144.  
*Speech Technology II: Future Software and Hardware Predictions*, Keith Wetzel, art, 190219.  
*Macro Mischief II*, Deborah Kravette Hamrell, art, 190222.  
*Practical Ideas: Literature, Computers, and Students with Special Needs*, Diane Schipper, cc, 190233.  
*Special Writer Coach*, James L. Collins, srev, 190249.  
*Hypermacros III*, Deborah Kravette Hamrell, art, 190323.  
*Marrying the Process of Writing With Your Computers*, Richard Alan Smith and Suzanne Sutherland, art, 190329.  
*Machinery for the Muse: Computers and Poetry*, Stephen Marcus, cc, 190340.  
*Peer Portrait Interviews: A Technology-Supported "Icebreaker,"* Rose

Reissman, art, 190412.  
*Success with Writing and the Concept Formation Model*, Patricia A. Dickens, cc, 190427.

*Creating a Readers' Circle Online*, Rose Reissman, cc, 190535.

*Reading Realities: Elementary Series*, Joslin Johnson, srev, 190544.

*Down From the Ivory Tower*, Mary Waetjen and Yolanda Bellissimo, art, 190616.

*Writing Assessment for the 21st Century*, Niki McCurry and Alan McCurry, cc, 190735.

*Scary Poems for Rotten Kids and Other Discs Books*, Carolyn Perry, srev, 190744.

*Empowering Students With Flexible Text*, Leigh Zeitz, Mark Horney, & Lynne Anderson-Inman, cc, 190816.  
*Variations on A Text Pattern*, Judi Harris and Mary J. Lickteig, col, 190829.

### LEARNING THEORY

*Vygotsky at the Computer: A Soviet View of "Tools" for Learning*, Linda Polin, col, 190125.  
*Subvert the Dominant Paradigm*, Linda Polin, col, 190806.

### LOGO

*Mousing Around With Your Turtle... Or Turtling Around With Your Mouse?*, Sharon Yoder, col, 190141.  
*Who Said There's No Knocking Logo?*, Judi Harris, col, 190241.  
*Introducing Point Symmetry With a LogoWriter Game*, Maurice Burke, cc, 190333.  
*Parlez-Vous Multiplication?*, Judi Harris, col, 190337.  
*A Blizzard of Logo Ideas*, Dorothy Flick, col, 190453.  
*Classroom Research on Logo Learning: Creating Collaborative Partnerships*, Molly Watt, col, 190705.  
*Variations on A Text Pattern*, Judi Harris and Mary J. Lickteig, col, 190829.



## Subject Listing

### MATHEMATICS

- Factoring With the Turtle*, Elizabeth A. Sirjani, cc, 190130.
- Visualizing Algebra: The Function Analyzer*, Sandy Schoff, srev, 190148.
- Are Paradigms Worth More Than a Pair of Dimes?*, Jerry Johnson, cc, 190238.
- Introducing Point Symmetry With a LogoWriter Game*, Maurice Burke, cc, 190333.
- Parlez-Vous Multiplication?*, Judi Harris, col, 190337.
- Make Word Problems Relevant to Your Students*, John F. Beaver, col, 190350.
- Did Pick Have This Much Fun?*, Julaine Salem, cc, 190430.
- Word Processing, Desktop Publishing, and Graphics in the Mathematics Classroom*, James H. Weibe, cc, 190539.
- The Geometer's Sketchpad*, Betty Kantrowitz, srev, 190545.
- Winds of Change*, Margaret L. Neiss, cc, 190632.
- $1/3 + 1/3 + 1/3 = 1$ ... Right?*, Sharon Yoder, col, 190638.
- Dancing Functions From A Graphing Calculator*, Dianne K. Erickson, cc, 190824.

### PROBLEM SOLVING/CRITICAL THINKING

- Powerpacking Your Kindergarten and First Grade Computer Labs*, James J. Baker, art, 190216.
- HyperCard: The Two-Dimensional Manipulative*, Julaine Salem, art, 190647.
- Super Munchers*, Sharon Smaldino, srev, 190847.

### RESEARCH WINDOWS (COLUMN)

- Vygotsky at the Computer: A Soviet View of "Tools" for Learning*, Linda Polin, col, 190125.
- What's Hot and What's Not at AERA 1991*, Linda Polin, col, 190205.
- Profiles of Accomplished computer-Using Teachers*, Linda Polin, col,

190305.

- Approaching the Study of Networks*, Margaret Riel, col, 190405.
- Examining the Emperor's New Clothes*, Linda Polin, col, 190605.
- Classroom Research on Logo Learning: Creating Collaborative Partnerships*, Molly Watt, col, 190705.
- Subvert the Dominant Paradigm*, Linda Polin, col, 190806.

### RESTRUCTURING

- Restructuring Education for the Information Age*, Dave Moursund, edit, 190104.
- Restructuring Education Part 2: Now and 10 Years Ago*, Dave Moursund, edit, 190204.
- Restructuring Education Part 3: What is the Information Age?*, Dave Moursund, edit, 190304.
- Project CHILD: Progress in Restructuring Schools to Tap Technology's Potential*, Sarah M. Butzin, art, 190345.
- Restructuring With Technology: A Proposal for Student Inservices*, Fred D'Ignazio and Sharon goth-Tew, col, 190354.
- Restructuring Education Part 4: Mimetic and Transformative Approaches*, Dave Moursund, edit, 190404.
- Teacher Explorers, Pioneers and Settlers*, Fred D'Ignazio and Sharon Goth-Tew, col, 190438.
- Restructuring Education, Part 5: America 2000: An Education Strategy*, Dave Moursund, edit, 190504.
- Technology vs. Restructuring: Beware of the Quick Fix*, Fred D'Ignazio, col, 190554.
- Restructuring Education for the Information Age, Part 6: A New Definition of Computer Literacy*, Dave Moursund, edit, 190604.
- Educational Technology Leadership for the Age of Restructuring: Studies of Vision, Integrity and Consciousness*, Doris Ray, art, 190608.
- "Soft" Architectures for Restructur-*

- ing*, Fred D'Ignazio, col, 190653.
- Making Sense of Change: Strategies for Educational Technologists*, Linda Farley, art, 190708.
- Restructuring Education for the Information Age, Part 8: Measures of Success*, Dave Moursund, edit, 190805.
- Teaching and Learning With Computers: A School-Wide Approach*, Nancy T. McCullough, art, 190808.
- Technology and the Balance of Power*, Gwen Solomon, art, 190810.
- What's Magic About MacMagic?* Teri Sturla, art, 190812.

### SCIENCE

- Using the Power of Media to Communicate Science: A Question of Style?*, Heidi Imhof, cc, 190135.
- Murphy's Minerals*, Joanne Howard, srev, 190247.
- Online Retrieval Adds Realism to Science Projects*, Richard Adams and Heidi Imhof, cc, 190532.
- Evaluation of Inquiry-based Science Software and Interactive Multimedia Programs*, Brenda C. Litchfield, cc, 190641.
- Database Programs and the Study of Seashells*, Kenneth P. Goldberg, cc, 190732.
- Mammals: A Multimedia Encyclopedia*, Judi Mathis, srev, 190746.
- A Computer Integrated Science Plan*, Karen Fillebrown-DiDomenico, cc, 190821.

### SOCIAL STUDIES

- Exploring Information*, Sumitra Unia, cc, 190133.
- Carmen Sandiego & World Geography: A Teaching Unit*, Doug Magee, cc, 190331.
- Involving Students in Computer-Based Cooperative Lessons*, Nancy Hunt and Lynn Alford, cc, 190434.
- San Francisco GTV*, Mary Ellen McDonnell, cc, 190537.
- Computer Voting*, Linda J. Fischer, cc, 190632.
- GTV: A Geographic Approach to American History*, Barbara Clark,

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srev, 190749.

*Solve It! and Solve It! American History Mysteries 1492-1865*, Linda Polin, srev, 190841.

### SOFTWARE

*Start Them off With Games!*, Regina C. McGinley, art, 190349.

*Providing Access for Students Who Are Visually Impaired*, Leon Hsu and Gary D. Lee, art, 190408.

*Selecting Basic Concept Courseware for Preschools and Early Elementary Grades*, Ilsa Schwarz and Molly Lewis, art, 190415.

*Software Packaging for Real Kids in Real Classrooms*, Ann Lathrop, art, 190510.

*Plugging in to the Information Age*, Calvin L. Carpenter, cc, 190738.

### SOFTWARE REVIEWS (COLUMN)

*Big and Little*, Paula I. McGirr, srev, 190144.

*Multiply With Balancing Bear*, Judith C. Goff, srev, 190146.

*Visualizing Algebra: The Function Analyzer*, Sandy Schoff, srev, 190148.

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*Murphy's Minerals*, Joanne Howard, srev, 190247.

*Special Writer Coach*, James L. Collins, srev, 190249.

*Microsoft Works*, Judi Mathis, srev, 190444.

*Microsoft Word*, Judi Mathis, srev, 190444.

*WordPerfect*, Judi Mathis, srev, 190445.

*MacWrite II*, Judi Mathis, srev, 190445.

*Grammatik IV & Grammatik Mac*, Judi Mathis, srev, 190446.

*RightWriter*, Judi Mathis, srev, 190446.

*American English Writing Guide*, Judi Mathis, srev, 190446.

*PageMaker*, Judi Mathis, srev, 190446.

*Calendar Maker*, Judi Mathis, srev, 190448.

*Instant Library of Quotes*, Judi Mathis, srev, 190449.

*Top Priority*, Judi Mathis, srev, 190449.

*Educator HomeCard*, Judi Mathis, srev, 190449.

*After Dark/More After Dark*, Judi Mathis, srev, 190450.

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*Mammals: A Multimedia Encyclopedia*, Judi Mathis, srev, 190746.

*GTV: A Geographic Approach to American History*, Barbara Clark, srev, 190749.

*Solve It! and Solve It! American History Mysteries 1492-1865*, Carol Sanger, srev, 190841.

*Super Munchers*, Sharon Smaldino, srev, 190847.

### SPECIAL NEEDS

*Speech Technology II: Future Software and Hardware Predictions*, Keith Wetzel, art, 190219.

*Practical Ideas: Literature, Computers, and Students with Special Needs*, Diane Schipper, cc, 190233.

*Providing Access for Students Who Are Visually Impaired*, Leon Hsu and Gary D. Lee, art, 190408.

*The Switch Hitters: Creative and Competitive Activities for the Physically Impaired*, Linda Laverty, col, 190441.

*The Five Acres Computer Learning Project*, William A. Shennum and Marcella C. Nino, col, 190541.

*Preparing Students With Learning Disabilities for Information Age Success*, Peggy Healy Stearns, col, 190728.

### SPEECH RECOGNITION

*Speaking to Read and Write: A Report on the Status of Speech Recognition*,

Keith Wetzel, art, 190106.

*Speech Technology II: Future Software and Hardware Predictions*, Keith Wetzel, art, 190219.

### TEACHER EDUCATION

*Effective Computer Inservice: Factors for Success*, Rebecca Clemente, art, 190128.

*Making Yourself Presentable*, Gary Ferrington and Ken Loge, art, 190523.

*Using One Computer for Whole-Class Instruction*, Barry Pitsch and Vaughn Murphy, art, 190619.

### TELECOMMUNICATIONS

*Kid Link: Elementary Classroom Telecommunications*, Kendall Stall and Virginia Lawson, art, 190230.

*Using Online Services in the Junior High School*, John D'Amicantonio, cc, 190253.

*Approaching the Study of Networks*, Margaret Riel, col, 190405.

*At-Risk Students Online*, Eric Jensen, art, 190410.

*Electronic Hands Across the Ocean: The Florida-England Connection*, M. D. Roblyer, art, 190516.

*Audiographics: Linking Remote Classrooms*, Bruce O. Barker and Robert D. Goodwin, art, 190711.

### VIRTUAL REALITY

*Virtual Reality: A New Learning Environment*, Gary Ferrington and Kenneth Loge, art, 190716.

